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Semestral Plan for Sec 1 Express Mathematics 2023

The document captures the curriculum and assessment plan for Sec 1 Express Mathematics for the year.

1 Curriculum Plan

| Tentative Week | Topics to cover |
|--|---|
| Term 1 Week 1 | Sec 1 Orientation |
| Term 1 Week 2 – 3 | Chapter 1: Factors and Multiples |
| Term 1 Week 4 – 6 | Chapter 2: Real Numbers |
| Term 1 Week 7 | Weighted Assessment 1 |
| Term 1 Week 7 – 8 | Chapter 3: Approximation and Estimation |
| Term 1 Week 9 – 10 | Chapter 4: Basic Algebra and Algebraic Manipulations |
| Term 1 Week 10 | WEALTH Week (6/3/2023 – 10/3/2023) |
| 11th to 19th March | MARCH HOLIDAYS |
| Term 2 Week 1 – 3 | Chapter 5: Simple Equations in One Variable |
| Term 2 Week 4 – 5 | Chapter 6: Angles and Parallel Lines |
| Term 2 Week 6 – 8 | Chapter 7: Triangles, Quadrilaterals and Other Polygons |
| Term 2 Week 6 | Weighted Assessment 2 |
| Term 2 Week 9 – 10 | Chapter 12: Perimeters and Areas of Plane Figures |
| 27th May to 25th June | JUNE HOLIDAYS |
| Term 3 Week 1 – 2 | Chapter 13: Volume and Surface Area of Prisms and Cylinders |
| Term 3 Week 3 – 4 | Chapter 11: Coordinates and Linear Graphs |
| Term 3 Week 5 – 6 | Chapter 8: Ratio, Rate and Speed |
| Term 3 Week 6 | Weighted Assessment 3 |
| Term 3 Week 7 – 8 | Chapter 9: Percentage |
| Term 3 Week 9 – 10 | Chapter 14: Data Handling |
| 3rd to 11th September | SEPTEMBER HOLIDAYS |
| Term 4 Week 1 | Chapter 10: Sequences and Number Patterns |
| Term 4 Week 2 | Revision |
| Term 4 Week 3 – 4 | End-of-Year Examination |
| Term 4 Week 5 – 7 | Going through EOY Exam Last day of school: 27th October 2023 |

2 Assessment Plan

Components of Weighted Assessments

- **Weighted Assessments (WA)**
- **End-of-Year Examination (EOY)**

| Semester | Semester 1 | | Semester 2 | |
|---------------------|---|---|--|--------------------------|
| Term | Term 1 | Term 2 | Term 3 | Term 4 |
| Types of Assessment | WA 1 | WA 2 | WA3 | End-of-Year examination |
| Weightage | 15% | 15% | 15% | 55% |
| Tentative Date | Term 1 Week 7 | Term 2 Week 6 | Term 3 Week 6 | Term 4 Week 3 - 4 |
| Topics Covered | <ul style="list-style-type: none"> • Chapter 1 and 2 | <ul style="list-style-type: none"> • Chapter 3, 4, 5 & 6 | <ul style="list-style-type: none"> • Chapter 7, 11, 12 & 13 | Refer to EOY Exam Format |
| Assessment Mode | Written | | | |

- Various modes of formative assessments (quizzes, exit tickets, journal writing, project work, etc) are conducted regularly to assess students' learning progress.

End-of-Year Exam Format

| Exam Components | Weightage | Guidelines |
|-----------------|-----------|--|
| Paper 1 | 50% | <ul style="list-style-type: none"> • All topics (Chapter 1 – 14) • 50 marks • 1 hr 15 min • Structured and short questions • Answer on spaces provided |
| Paper 2 | 50% | <ul style="list-style-type: none"> • All topics (Chapter 1 – 14) • 50 marks • 1 hr 15 min • Structured and long questions • Answer on spaces provided |

3 Absence from Weighted Assessments

- (a) Medical certificates must be produced if student is absent for the weighted assessment.
- (b) Parent's letter is strongly discouraged and its validity will be approved based on a case-by-case basis.
- (c) Absence from any weighted assessment without a valid reason will result in zero mark for the assessment.
- (d) Do note that student will have to do a make-up weighted assessment on the day he/she returns to school.

With this information, we hope all students will be better prepared themselves for the academic demands in 2023.

Do feel free to contact the respective mathematics teachers should further clarification be needed on this matter.

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|----------------|-----------------|
| 1E1 | Ms Michelle Sam |
| 1E2 | Mr Vincent Ho |
| 1E3 and 1N SBB | Ms Tan Yue Yun |